

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 12/09/2021**QC BATCH ID:** LB117727**BOD Water:** WP94290**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP94293**NaOH, 1N:** WP91991**GGA:** WP94292**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP94126

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.84

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.97

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 9.10



QC BATCH ID: LB117727

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 09:50

TIME OUT: 12:30

DATE IN: 12/09/2021

DATE OUT: 12/14/2021

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB117727BL	1	No	6.0	N/A	21.20	300	8.86	8.85	0.01	0.01	0.01	
POLYSEED	1					10	8.85	6.42	2.43	0.49	0.57	
POLYSEED	2					15	8.81	4.75	4.06	0.54		
POLYSEED	3					20	8.79	2.09	6.7	0.67		
GGA	1					6	8.82	3.86	4.96	219.5	216.83	
GGA	2					6	8.80	3.90	4.9	216.5		
GGA	3					6	8.81	3.95	4.86	214.5		
M4968-02	1	No	6.60	N/A	21.10	0.5	8.85	8.28	-	0	264.25	
M4968-02	2					1	8.84	7.70	-	0		
M4968-02	3					2	8.80	6.06	2.74	325.5		
M4968-02	4					3	8.76	6.16	2.6	203		
M4968-02DUP	1	No	6.60	N/A	21.10	0.5	8.86	8.30	-	0	250.25	
M4968-02DUP	2					1	8.84	7.72	-	0		
M4968-02DUP	3					2	8.82	6.30	2.52	292.5		
M4968-02DUP	4					3	8.75	6.10	2.65	208		
M4979-01	1	No	8.30	7.20	20.40	5	8.83	8.29	-	0	3.12	pH Adjusted
M4979-01	2					20	8.81	7.94	-	0		
M4979-01	3					50	8.80	7.28	-	0		
M4979-01	4					150	8.78	6.65	2.13	3.12		
M4986-01	1	No	7.30	N/A	20.90	5	8.84	8.26	-	0	13.68	
M4986-01	2					20	8.83	7.93	-	0		
M4986-01	3					50	8.80	5.92	2.88	13.86		
M4986-01	4					150	8.76	1.44	7.32	13.5		
M4986-02	1	No	7.20	N/A	20.70	5	8.83	8.12	-	0	14.34	
M4986-02	2					20	8.80	7.59	-	0		
M4986-02	3					50	8.76	7.06	-	0		
M4986-02	4					150	8.75	1.01	7.74	14.34		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

LB117727

WorkList Name : bod12921 WorkList ID : 154997 Department : Wet-Chemistry Date : 12-09-2021 08:56:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/10/2021	Water	M4968-02	A BOD5	Cool 4 deg C	ARAM01	H11	COMP	12/08/2021	SM5210 B
12/10/2021	Water	M4979-01	D BOD5	Cool 4 deg C	INFR01	D11	MONTHLY-OUTFALL-002	12/08/2021	SM5210 B
12/09/2021	Water	M4986-01	F BOD5	Cool 4 deg C	TULL01	H11	001-WILLETS-PT-BLVD(I	12/07/2021	SM5210 B
12/09/2021	Water	M4986-02	E BOD5	Cool 4 deg C	TULL01	H11	002-35TH-AVE(NOV)	12/07/2021	SM5210 B

Date/Time 12/09/21 09:00
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: J (WC)

Date/Time 12/09/21 10:00
 Raw Sample Received by: J (WC)
 Raw Sample Relinquished by: KS (WC)